

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Inventor(s): Michael WEST et al.

Appl. No.: 09

527,026

Series Code ↑

Serial No. ↑

Group Art Unit

1632

Examiner:

D. Crouch

Atty. Dkt.

P

0275459

M#

Client Ref

Filed: March 16, 2000

Hon. Commissioner of Patents

Washington, D.C. 20231

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JUN 04 2002

Appl. Title:

METHODS OF RESTORING
TELOMERE LENGTH AND
EXTENDING CELL LIFESPAN USING
NUCLEAR TRANSFER

Sir:

REPLY/AMENDMENT/LETTER

TECH CENTER 1600/2900

Date: May 28, 2002

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated herein by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

FEE REQUIREMENTS FOR CLAIMS AS AMENDED

1. Small Entity claim A. <input type="checkbox"/> NOT made B. <input type="checkbox"/> Withdrawn C. <input checked="" type="checkbox"/> made herewith D. <input type="checkbox"/> made previously		For B & C See Required Separate Paper (Pat-256)		Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code Lg/Sm				
2. Total Effective Claims		162	**minus	48	114	x \$18/\$9 =	+ \$1026	103/203					
3. Independent Claims		5	***minus	9	0	x \$84/\$42 =	+ \$0	102/202					
4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application)		add		+ \$280/\$140 =		+ \$0		104/204					
5. Original due Date:		<input checked="" type="checkbox"/> NONE											
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached		(1 mo)	\$110/\$55 =	(2 mos)	\$400/\$200 =	(3 mos)	\$920/\$460 =	(Usable only for ≤ 2mo.OA --- 4 mos)	\$1,440/\$720=	(Usable only for 30 day/1mo.OA --- 5 mos)	\$1,960/\$980=	+ \$0	115/215 116/216 117/217 118/218 128/228
7. Enter any previous extension fee paid since above original due date and subtract		- \$0											
8.		Extension Fee		+ \$0									
9. If Terminal Disclaimer attached, add Rule 20(d) official fee		+ \$110/\$55		+ \$0		148/248							
10. If IDS attached requires Official Fee under Rule 97 (c),		add + \$180		+ \$0		126							
or if Rule 97(d) Request		add + \$180		+ \$0		126							
11. After-Final Request Fee per rules 129(a) and 17(r)		+ \$740/370		+ \$0		146/246							
12. No. of additional inventions for examination per Rule 129(b)		x \$740/370 ea		+ \$0		149/249							
13. Request for Continued Examination (RCE)		+ \$740/370		+ \$0		1179/1279							
14. Petition fee for		+ \$0											
15.		TOTAL FEE =		\$1026									
16. *If the entry in this space is less than entry in next space, the "Present Extra" result is "0".													
17. **If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.													
18. ***If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.													

PLEASE CHARGE
OUR DEP. ACCT.

Our Deposit Account No. 03-3975)

(Our Order No. 015837 0275479

C#

M#

CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

Pillsbury Winthrop LLP
Intellectual Property Group

By Atty: Robin L. Teskin

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NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments



Attorney Docket No. 015837-0275459

#15
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6-4-02
P. Z.

TECH CENTER 1600/2900

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION OF

Michael D. West et al.,

Group Art Unit: 1632

Application No. 09/527,026

Examiner: D. Crouch

Filed: March 16, 2000

Title: METHODS OF RESTORING TELOMERE LENGTH AND EXTENDING
CELL LIFESPAN USING NUCLEAR TRANSFER

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SUPPLEMENTAL AMENDMENT

Hon. Commissioner of Patents
Washington, D.C. 20231

Sir:

This amendment is supplemental to the amendment and reply filed April 11, 2002,
responsive to the Office Action dated October 11, 2001. Kindly enter the following
amendments and remarks prior to further examination:

IN THE SPECIFICATION:

Please substitute the paragraph beginning at line 2 of page 21 with the following
amended paragraph:

B' - - In embodiments wherein the donor cell, nucleus or chromosomes are human, the
genome of the primary cell may be modified such that the cell is incapable of producing a
viable embryo. This may be effected by inactivating or knocking out one or more genes

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